

## Claims

- [1] A method for establishing an ATM traffic path between a BSC and a BTS in an EV-DO system, the method comprising the steps of:
- requesting traffic channel allocation from a SF block to a channel card block
  - when information on an ATM path of the BTS is extracted and the ATM path is fixed in the channel card block;
  - requesting setup of an ATM switch block to an OHM block when a response to the request for the traffic channel allocation is received;
  - establishing a transmission message between the OHM block and the ATM switch block, and modifying an OHM database when the setup is accepted;
  - at the SF block, calling an ATM path extraction function and an ATM path establishing function based on channel card information when taskSpawn SFBlink is executed at the OHM block after the database is modified; and
  - at the OHM block, transmitting a response to the request for the ATM switch block setup when the ATM path extraction function and the ATM path establishing function are called.